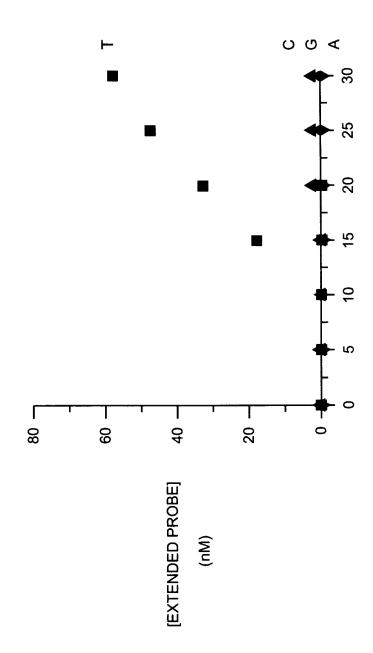


FIG. 1 A -3A/3'A DETECTOR PROBE



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⊢∢∪ **†**% TIME (min) FIG. В -залзіс ретесток ркове 80 -09 40 — 20 | 7 [EXTENDED PROBE] (nM)

FIG. 1C -3A/3'G DETECTOR PROBE

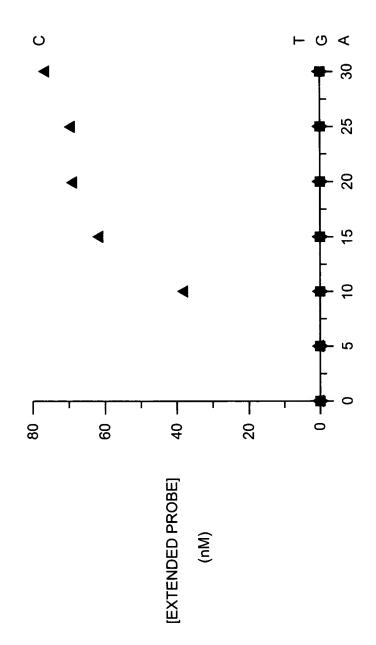


FIG. 1D -3A/3/T DETECTOR PROBE

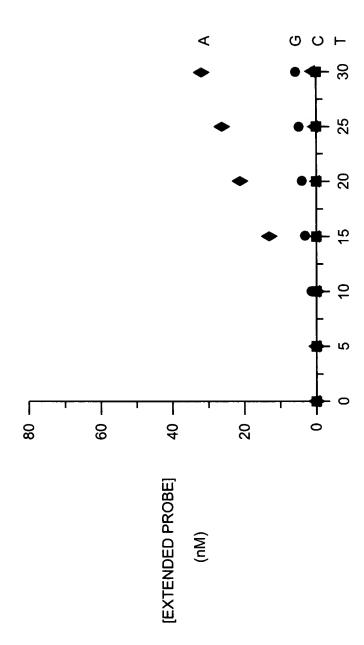


FIG. 1E S1.1/2.2 SDA WITH 10,000 A, C, G, OR T TARGETS

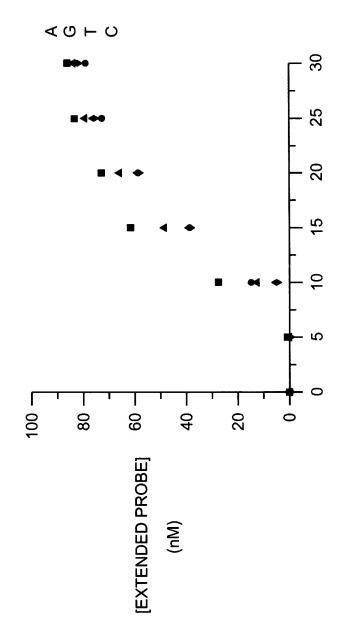


FIG. 2A -1A DETECTOR PROBE ا 8 T 09 8 1 70 70 T 0 [EXTENDED PROBE] (nM)

FIG. 2B -1C DETECTOR PROBE

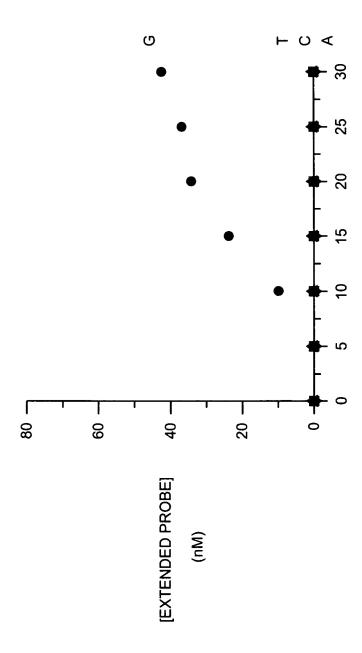


FIG. 2C -1G DETECTOR PROBE

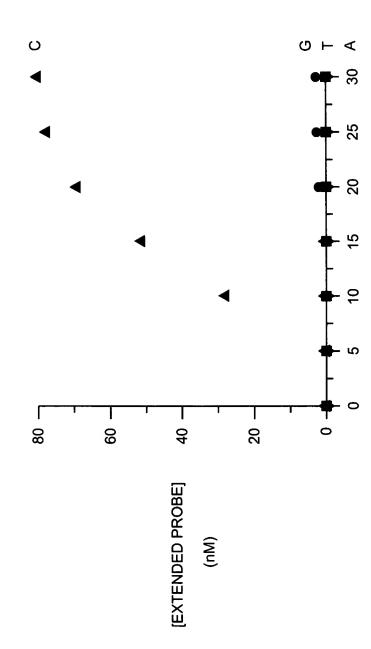
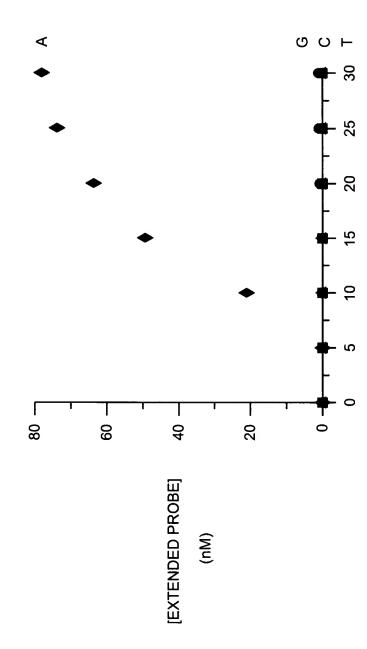
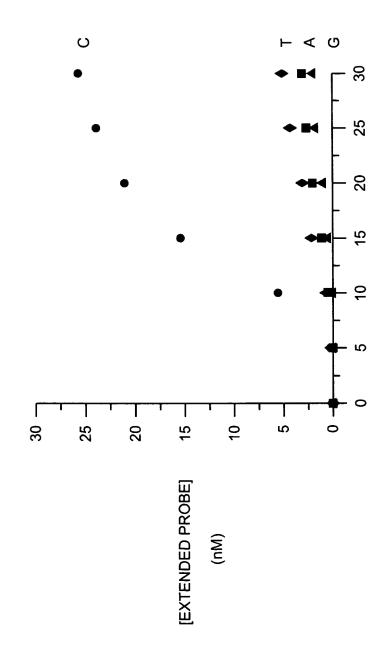


FIG. 2D -11 detector probe



 $FIG.\ 2E$ NP-6 DETECTOR PROBE IN SDA WITH 10,000 A, C, G, OR T TARGETS



FLUORESCEIN EMISSION ROX EMISSION ZERO TARGET FAM & ROX EMISSION Wt TARGET HEMOCHROMATOSIS EXON 4 (CLONE 1) TIME IN MINUTES FIG. 3A TWO-COLOR ALLELE ANALYSIS ON PROBE TEC FD3/RD8 **NORMAL EXON 4** 2.20 1.20 -NORMALIZED 1.60 -1.40 -1.80 2.00 1.00 FLUORESCENCE

FLUORESCEIN EMISSIONROX EMISSIONZERO TARGETFAM & ROX EMISSION Mu TARGET HEMOCHROMATOSIS EXON 4 (CLONE 1) FD3/RD8 FIG. 3B TWO-COLOR ALLELE ANALYSIS ON PROBE TEC **MUTANT EXON 4** 2.20

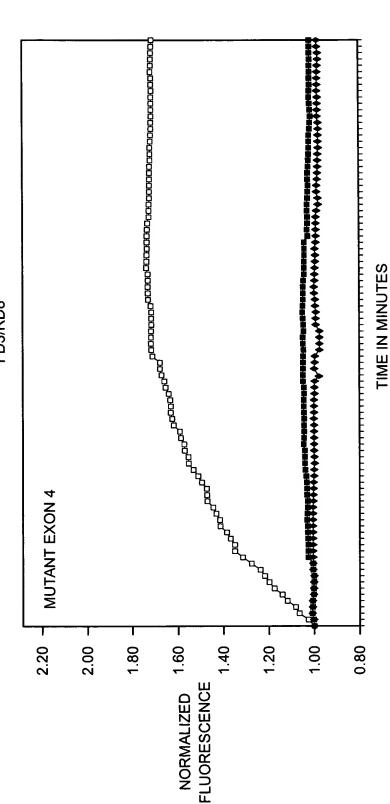


FIG. 3C TWO-COLOR ALLELE ANALYSIS ON PROBE TEC

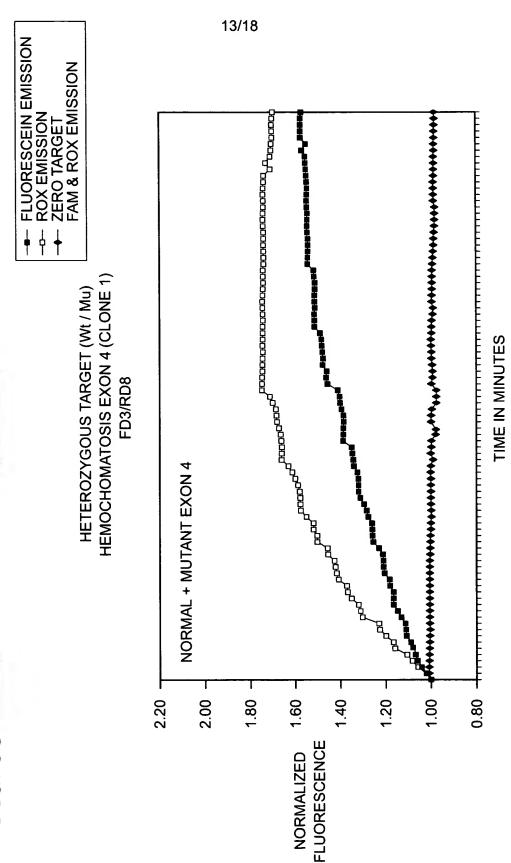


FIG. 4A TWO-COLOR SNP ANALYSIS ON PROBE TEC

- FLUORESCEIN EMISSION - ROX EMISSION - ZERO TARGET FAM & ROX EMISSION

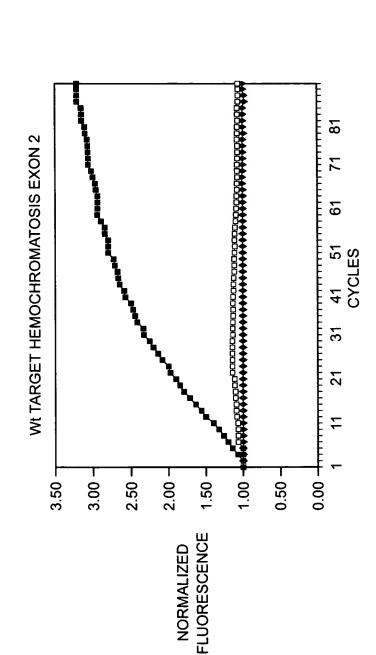
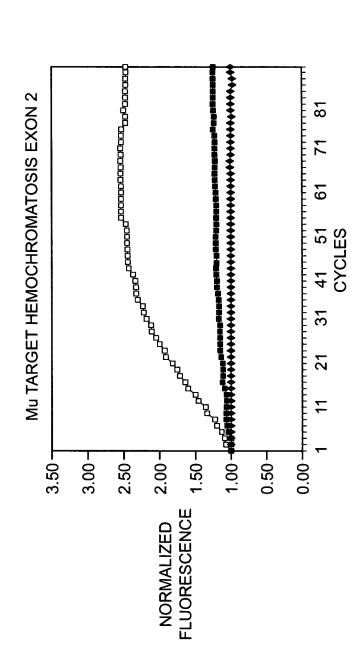


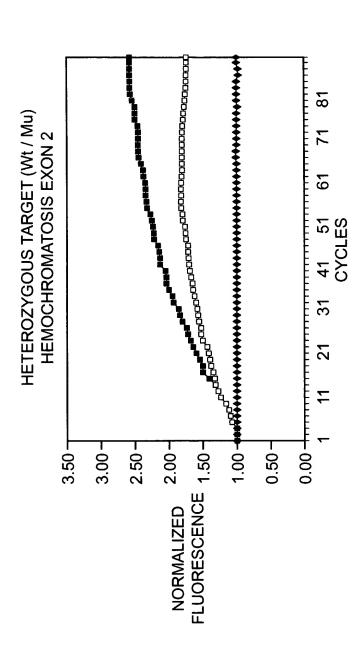
FIG. 4B TWO-COLOR SNP ANALYSIS ON PROBE TEC





J. 4C TWO-COLOR SNP ANALYSIS ON PROBE TEC







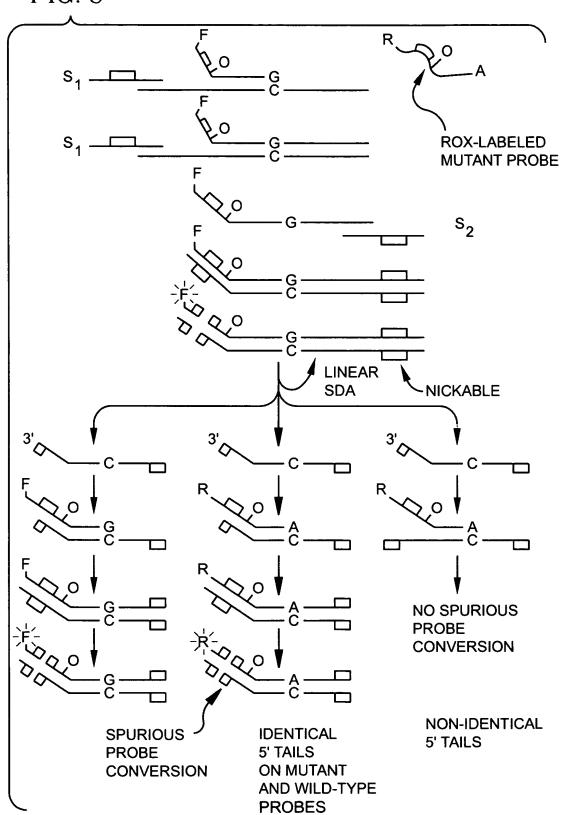


FIG. 6 SDA HH4 SYSTEM 105 TARGETS, FAM DETECTOR PROBES AT 300 nM

